

## **ABSTRACT OF THE DISCLOSURE**

An ozone production rate control method and a device  
using dual frequency in an apparatus employing a silent  
5 discharge technique are provided. The method includes the  
steps of: generating a control signal for controlling the  
ozone production rate; creating, responsive to the control  
signal, an adjusted signal having an ON/OFF time ratio  
adjusted depending on the control signal; producing,  
10 responsive to the adjusted signal, a low-frequency pulse  
and a high-frequency signal; and controlling an ON/OFF time  
ratio of the high-frequency signal. The device includes an  
ON/OFF time ratio adjusting unit, a low-frequency pulse  
oscillation circuit, a high-frequency oscillation circuit,  
15 and a multiplier.